## FIGURES

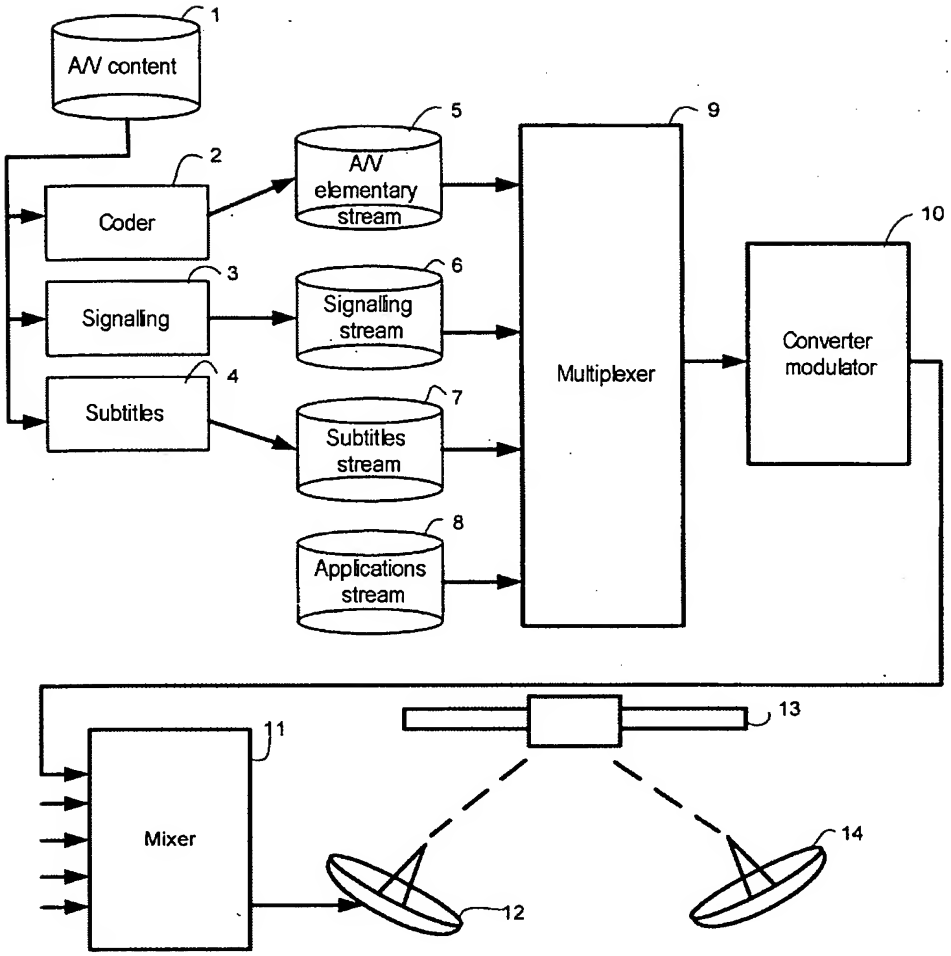


Fig. 1

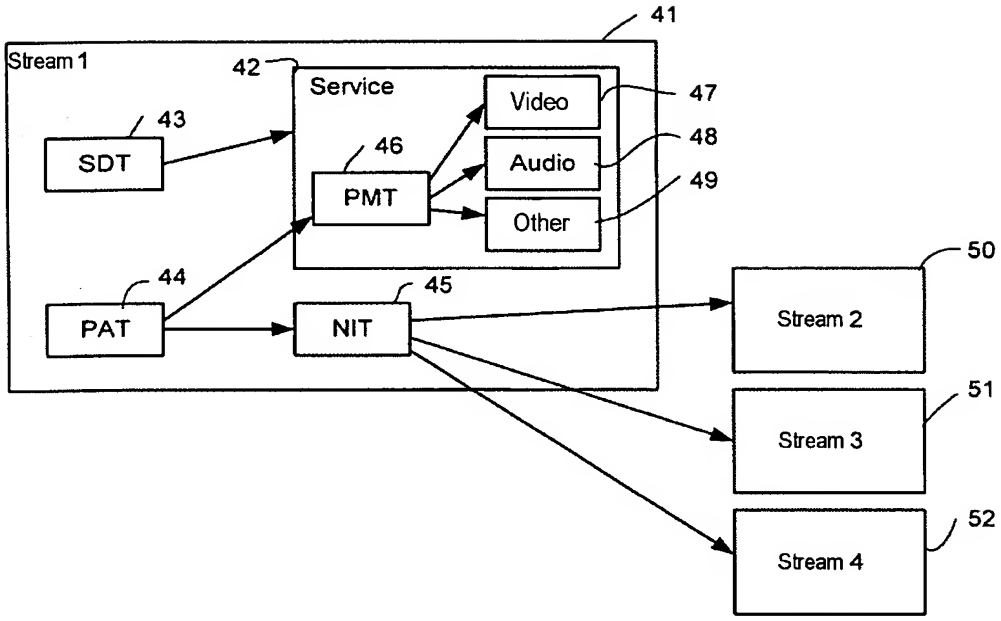
41
Stream 1
42
Service
Video
47
43
SDT
46
Audio
48
PMT
49
Other
50
44
PAT
45
NIT
Stream 2
51
Stream 3
52
Stream 4

**Fig. 2**

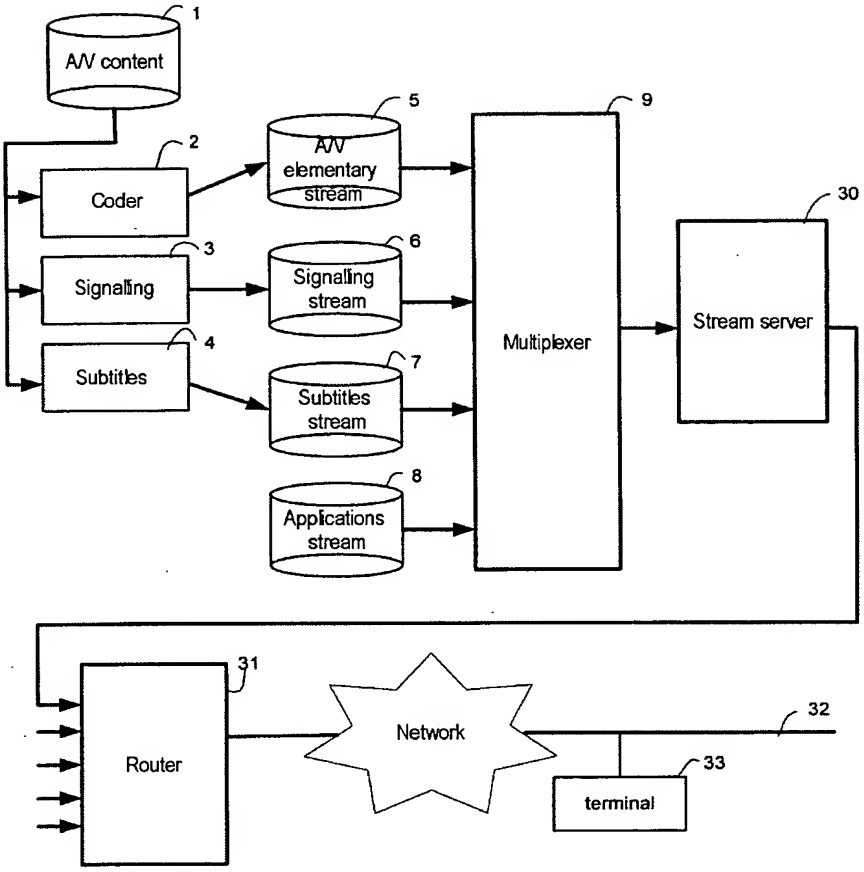
1
A/V content
2
Coder
3
Signalling
4
Subtitles
5
A/V elementary stream
6
Signalling stream
7
Subtitles stream
8
Applications stream
9
Multiplexer
30
Stream server
31
Router
Network
32
33
terminal

**Fig. 3**

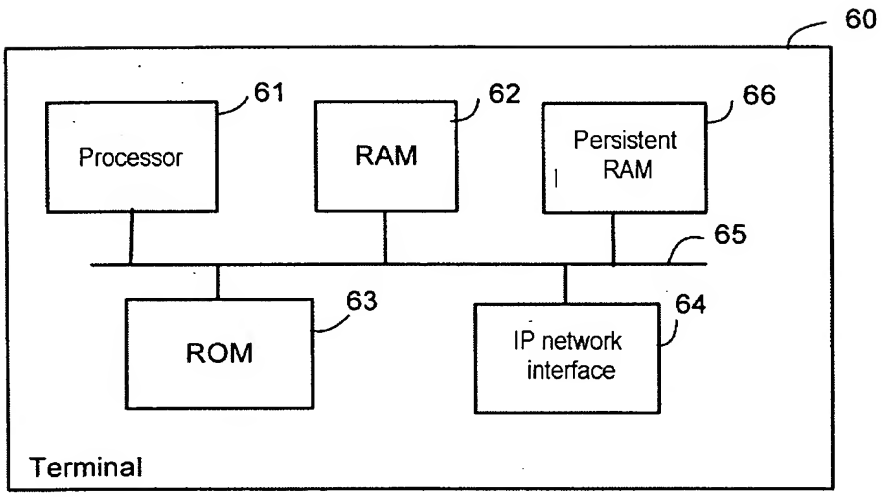
60
61
Processor
62
RAM
66
Persistent RAM
65
63
ROM
64
IP network interface
Terminal

**Fig. 4**

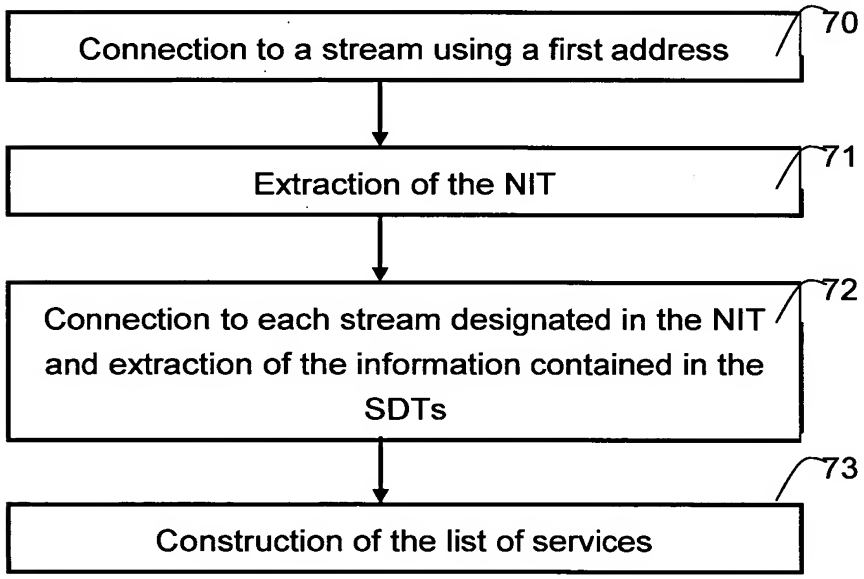
70
Connection to a stream using a first address
71
Extraction of the NIT
72
Connection to each stream designated in the NIT and extraction of the information contained in the SDTs
73
Construction of the list of services

**Fig. 5**

```
/* header */
for i=0 ; i < N ; i++ { /* first loop of descriptors */
        descriptor();
}
for i=0 ; i < N ; i++ { /* loop over the transport streams */
    identifier_of_stream_of_transport
    identifier_of_network_original
    for (j=0 ; j<M ; j++) { /* second loop of descriptor */
                descriptor();
        }
}
```

**Fig. 6**